

WHAT IS CLAIMED IS:

1. Method for remote connection of nomadic devices (16a, 16b) by the broadcasting in the ether of selective elements of messages by at least one transmitter-receiver device (16a) in transmitting function and a at least a second transmitter-receiver device (16b) in receiving function in order to establish in a direct fashion, selected interactive links by means of identification keys for different sectors of activity, common poles of interest and user codes, characterized in that the respective users are connected by said devices (16a, 16b) which alternately broadcast and receive at least one code selected from the pre-programmed database according to a standard common to the said devices, said standard comprising a nomenclature, typically tree structure, of the goals, poles of interests and/or common sectors of activity defined in the language of the person, by divisions, groups, classes and locations, consisting of:

- selecting one or several poles of interest and/or sectors of activity of the standard in the first device,

- memorizing the pole of interest and/or sector of activity selected,

- transmitting the assigned code to the pole of interest and/or sector of activity selected and alternately receiving the eventual codes of the standard transmitted by other devices,

- moving the first device until it reaches an operational distance near to at least another device, alternately broadcasting and receiving one of the said codes of the standard to receive the code transmitted by this second device, the devices being located within this same operational distance generating a transmission space (17, 18), the communications being information chosen by any person and transmitted at any time.

- signaling, when there is a matching code.

2. Method according to claim 1, characterized in that at the moment of broadcasting, the devices situated within a same operational distance generate a transmission space (17, 18) while broadcasting and receiving alternately at least one of the said selected codes, the devices (16a, 16b, 16c, 16d, 16e, 16f) managing together the communications of the said codes by means of an appropriate communication protocol that occupies the said transmission space (17, 18) generated by the devices that activate, if there is code matching, a sound signal and/or the display of the parameters of the collective nomenclature in relation to the code or codes matching in each device, said display being in the programmed language.

3. Method according to either of the claims 1 or 2, characterized in that the nomadic devices (16a, 16b, 16c, 16d, 16e and 16f) being located and functioning at an operational distance which presents the following steps:

- generation of a transmission space (17, 18) by moving and switching on the devices,
- identification n by means of the appropriate communication protocol of the matching codes,
- transition in the transmission space of the selected identification codes,
- alternate switching of said devices (16a, 16b, 16c, 16d, 16e and 16f) in situation of master or slave to enable them to broadcast, to receive, to identify and to process respectively between themselves said identification codes and their respective messages.

4. Method according to any one of the claims 1 to 3 characterized in that the first device (16f) arriving at a transmission distance (18) generated by the simultaneous operation of the devices (16c, 16d, and 16e), carry out the following stages:

- adapting to the conversational mode then,
- switching alternately in master-slave mode, for

- broadcasting its selected codes so that the other devices (16c, 16d and 16e) carry out the following steps:

- entering and comparing internally the analog codes and
- signaling the opportunities by display (4) and/or sound (6) means in the case of the matching of at least one code common to the two devices.

5. Method according to any one of claims 1 to 4, characterized in that the nomenclature is modifiable and extensible by reformatting, transmitted by cable, induction or high frequency transmission, from an external programming device by setting the programming of the devices on "re-programming" with the help of means of selection and/or introduction of data (5) and the display means (4).

6. Device for the remote connection of persons with common goals, poles of interest and/or sectors of activity making it possible to carry out the method according to any one of claims 1 to 5, characterized in that, being nomadic, it comprises at least one module for management of the ensemble (2) typically a micro-controller, connected directly or not by a bus (3), to at least one means of display (4), to at least one means of selection and/or introduction of data (5), to at least the generating means of sounds or other signals (6), linked to at least one supply module (7), the data transmission ensemble also comprising at least one transmitter means (9) and a receiver means (8) of waves, in particular high frequency waves. These are linked, directly or not, through the micro-controller (2) to the memory (13) comprising, in addition to the operation software, the programmable database and linked to a second memory (14) comprising a downloadable database in addition to other operation software, device (16a) capable of broadcasting and receiving the various memorized code or codes selected in the standard nomenclature linked with at least another connecting device (16b) located at an

operational distance, broadcasting and receiving at least one of said selected codes, the devices (16a, 16b, 16c, 16d, 16e, 16f) managing together the communication of said codes by an established conversational mode that circulates in a physical or non-physical transmission space (17, 18) generated by the devices that activate, if there is code matching, a sound signal and/or the display of the parameters selected in relation to the matching code or codes of each device.

7. Device according to claim 6, characterized in that said data transmission ensemble comprises, besides one or several interface means (10, 11, 12) being able to link the device with other means of remote connection, in particular one of the interface means (10) being able to connect one fixed receiver linked physically to the cable networks in order to allow peripheral devices such as computers or cable televisions to bring them the services of selectivity by high rate networks such as Internet or other tel-networks and another of these interface means (11) able to communicate with a mobile receiver linked by radio such as devices called "alphapage", some radio receivers or television sets, so that the user can select the sectors of activity and poles of interest broadcasts.

8. Device according to either one of claims 6 or 7, characterized in that the hardware components and computing elements for transmissions (8, 9) and for data processing (2, 5) are gathered in a miniaturized, integrated, modular circuit able to manage in a free standing and direct manner the data communication functions of the process in a compatible way with the circuits of devices known in cellular telephony, paging, computing or data management to allow them to communicate between themselves while adding to their own the services of the method according to one of the claims 1 to 5.

9. Device according to any one of claims 6, 7 or 8, characterized in that its elements such as the data transmission ensemble (1), the management module of the ensemble (2), connected by the bus (3) to the display means (4), to the selection and/or introduction of data means (5), the generating means of sound or other signals (6), supplied in energy by the supply module (7) are contained in a casing (15) in order to constitute a portable device.

10. Device according to any one of claims 6, 7, 8 or 9, characterized in that the means of display (4), the means of selection and/or introduction of data (5), the generating means of sound or other signals (6), the interface means (10, 11, 12) are linked with the management module of the ensemble (2) by at least the electronic interface bus (3).